



Electronic Filing System (EFS) Data
Electronic Patent Application Submission
USPTO Use Only

IFW

EFS ID: 66021
Application ID: 10827134
Title of Invention: Enhanced measurement of azimuthal
dependence of subterranean
parameters
First Named Inventor: Samuel Haugland
Domestic/Foreign Application: Domestic Application
Filing Date: 2004-04-19
Effective Receipt Date: 2004-08-04
Submission Type: Information Disclosure Statement
Filing Type:
Confirmation number: 2314
Attorney Docket Number: PAT035US
Total Fees Authorized: 180.0
Payment Category: Deposit Account
Deposit Account Number: 502255
Deposit Account Name: Stuart J Ford
Access Code: ****
RAM Payment Status: RAM success
RAM User ID: EFSPROD
RAM Accounting Date: 2004-08-04
RAM Sequence Number: 18




Digital Certificate Holder: cn=Stuart J. Ford,ou=Registered Attorneys,ou=Patent and Trademark
Office,ou=Department of Commerce,o=U.S. Government,c=US
Certificate Message Digest: 10085a192d985aadd8562a516485aab2625edd65

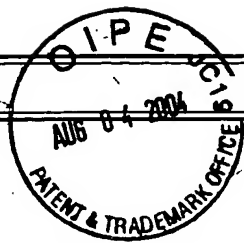


TRANSMITTAL

Electronic Version v1.1
Stylesheet Version v1.1.0

Title of Invention	Enhanced measurement of azimuthal dependence of subterranean parameters															
<p>Application Number: 10/827134 </p> <p>Date: 2004-04-19</p> <p>First Named Applicant: Samuel Mark Haugland</p> <p>Confirmation Number: 2314</p> <p>Attorney Docket Number: PAT035US</p>																
<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p>																
<table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Stuart J Ford Registered Number: 37486</td><td>/stuart j ford/</td><td>Attorney</td></tr></tbody></table>			Submitted by:	Elec. Sign.	Sign. Capacity	Stuart J Ford Registered Number: 37486	/stuart j ford/	Attorney								
Submitted by:	Elec. Sign.	Sign. Capacity														
Stuart J Ford Registered Number: 37486	/stuart j ford/	Attorney														
<table><tr><td>Documents being submitted</td><td>Files</td></tr><tr><td>us-ids</td><td>Suppl_IDS-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xsl</td></tr><tr><td>us-fee-sheet</td><td>Suppl_IDS-usfees.xml</td></tr><tr><td></td><td>us-fee-sheet.xsl</td></tr><tr><td></td><td>us-fee-sheet.dtd</td></tr></table>			Documents being submitted	Files	us-ids	Suppl_IDS-usidst.xml		us-ids.dtd		us-ids.xsl	us-fee-sheet	Suppl_IDS-usfees.xml		us-fee-sheet.xsl		us-fee-sheet.dtd
Documents being submitted	Files															
us-ids	Suppl_IDS-usidst.xml															
	us-ids.dtd															
	us-ids.xsl															
us-fee-sheet	Suppl_IDS-usfees.xml															
	us-fee-sheet.xsl															
	us-fee-sheet.dtd															
Comments																

Electronic Version v08
Stylesheet Version v08.0



FEE TRANSMITTAL

Title of Invention

Enhanced measurement of azimuthal dependence of subterranean parameters

Application Number: 10/827134



Date: 2004-04-19

First Named Applicant: Samuel Mark Haugland

Attorney Docket Number: PAT035US

Art Unit: 2862

Examiner: Donald JMcElheney

TOTAL FEE AUTHORIZED \$180

Patent fees are subject to annual revisions on or about October 1st of each year.

BASIC FILING FEE

Fee Description	Fee Code	Amount \$	Fee Paid \$
Submission Of Information Disclosure Stmt Fee	1806	180	180

AUTHORIZED BILLING INFORMATION

The commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit account number: 502255

Access Code ****

Deposit name: W-H Energy Services, Inc.

Deposit authorized name: Stuart J Ford

Signature: /stuart j ford/

Date (YYYYMMDD): 2004-08-04

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
Stylesheet Version v18.0



Title of Invention

Enhanced measurement of azimuthal dependence of subterranean parameters

Application Number: 10/827134



Confirmation Number: 2314

First Named Applicant: Samuel Haugland

Attorney Docket Number: PAT035US

Art Unit: 2862

Examiner: Donald J McElheney

Search string: (4642648 or 4562556 or 5506769 or 5672867 or 5680906 or 6023658 or 6510106).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	4642648	1985-09-24	Vinegar et al			
	2	4562556	1985-12-31	Ingram et al			
	3	5506769	1996-04-09	Fu et al.			
	4	5672867	1997-09-30	Gadeken et al			
	5	5680906	1997-10-28	Adrieux et al			
	6	6023658	2000-02-08	Jeffryes			
	7	6510106	2003-01-21	Ten Kroode et al	B1		

Signature

Examiner Name

Date